

Peroxiredoxin 3 Rabbit mAb
Catalog # AP76652**Specification****Peroxiredoxin 3 Rabbit mAb - Product Information**

Application	WB, IHC, IF
Primary Accession	P30048
Reactivity	Human
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	27693

Peroxiredoxin 3 Rabbit mAb - Additional Information

Gene ID 10935

Other Names

PRDX3

Dilution

WB~~1/500-1/1000

IHC~~1/50-1/100

IF~~1/50-1/200

Format

Liquid

Peroxiredoxin 3 Rabbit mAb - Protein Information

Name PRDX3

Synonyms AOP1

Function

Thiol-specific peroxidase that catalyzes the reduction of hydrogen peroxide and organic hydroperoxides to water and alcohols, respectively. Plays a role in cell protection against oxidative stress by detoxifying peroxides (PubMed: [17707404](http://www.uniprot.org/citations/17707404), PubMed: [29438714](http://www.uniprot.org/citations/29438714), PubMed: [33889951](http://www.uniprot.org/citations/33889951), PubMed: [7733872](http://www.uniprot.org/citations/7733872)). Acts synergistically with MAP3K13 to regulate the activation of NF-kappa-B in the cytosol (PubMed: [12492477](http://www.uniprot.org/citations/12492477)). Required for the maintenance of physical strength (By similarity).

Cellular Location

Mitochondrion. Cytoplasm. Early endosome. Note=Localizes to early endosomes in a RPS6KC1-dependent manner.

Peroxiredoxin 3 Rabbit mAb - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Peroxiredoxin 3 Rabbit mAb - Images



